

User manual



PHILIPS

Need help?

For information on how to use and how to connect, view the video tutorials loaded on your Portable Media Center and also available on the CDROM.

Please visit

www.philips.com/usasupport

where you can have access to a full set of supporting materials such as user manual, flash tutorial, the latest software updates and answers to frequently asked questions.

Or call our Customer Care Helpline,

1-888-744-5477

where our professional support team will be pleased to assist you in solving any issues you may have with your player.

Country	Helpdesk	Tariff / min	Keep ready
North America			
Canada	1-800-661-6162 (Francophone) 1-888-744-5477 (English / Spanish)	Free	Date of Purchase, Model number and Serial number
USA	1-888-744-5477	Free	Date of Purchase, Model number and Serial number

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Your new player

With your newly purchased Philips Portable Media Center, you can enjoy the following:

- Video playback and recording (WMV)
- Audio playback and recording (Mp3 and WMA)
- Picture viewing (JPEG)

Accessories

The following accessories are included with your player:



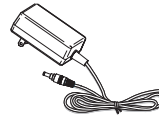
Headphones



USB cable



A/V cable



Power adapter



Quick start guide



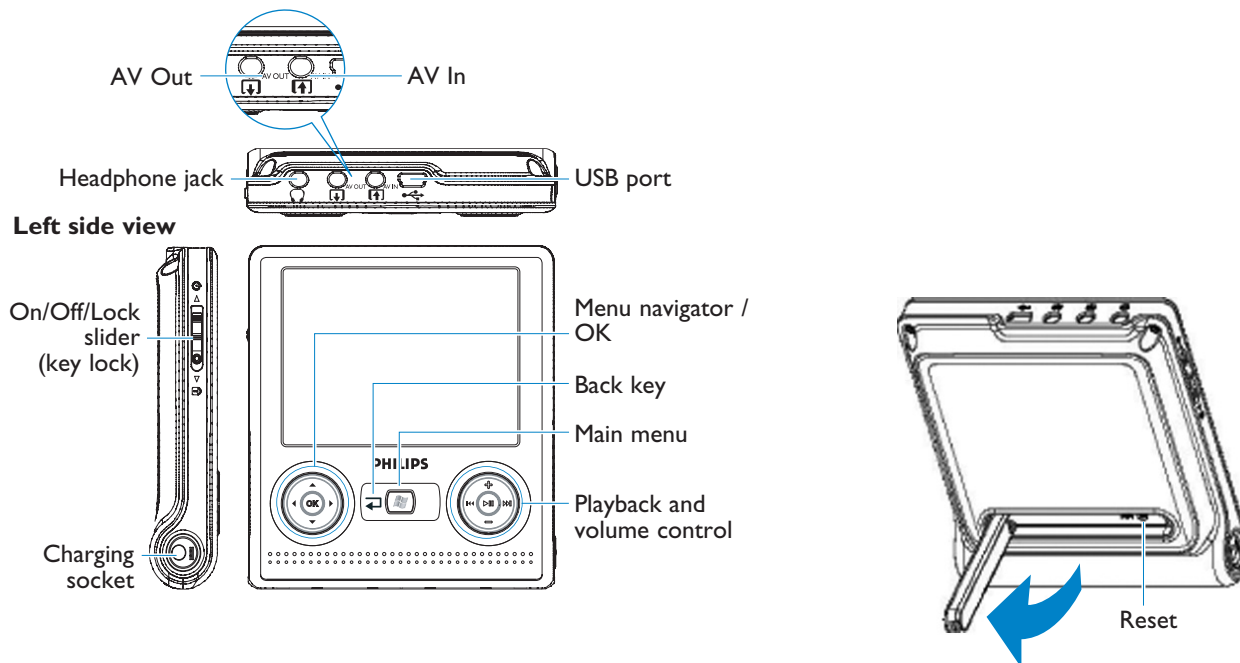
CD-ROM containing Windows Media Player 10, ArcSoft MediaConverter, user manual, video tutorials and frequently asked questions








Register your product

We strongly recommend that you register your product in order to gain access to free upgrades. To register your product, please log on to www.philips.com/register or www.philips.com/usasupport (for US residents) so that we can inform you as soon as new updates become available.

Getting started

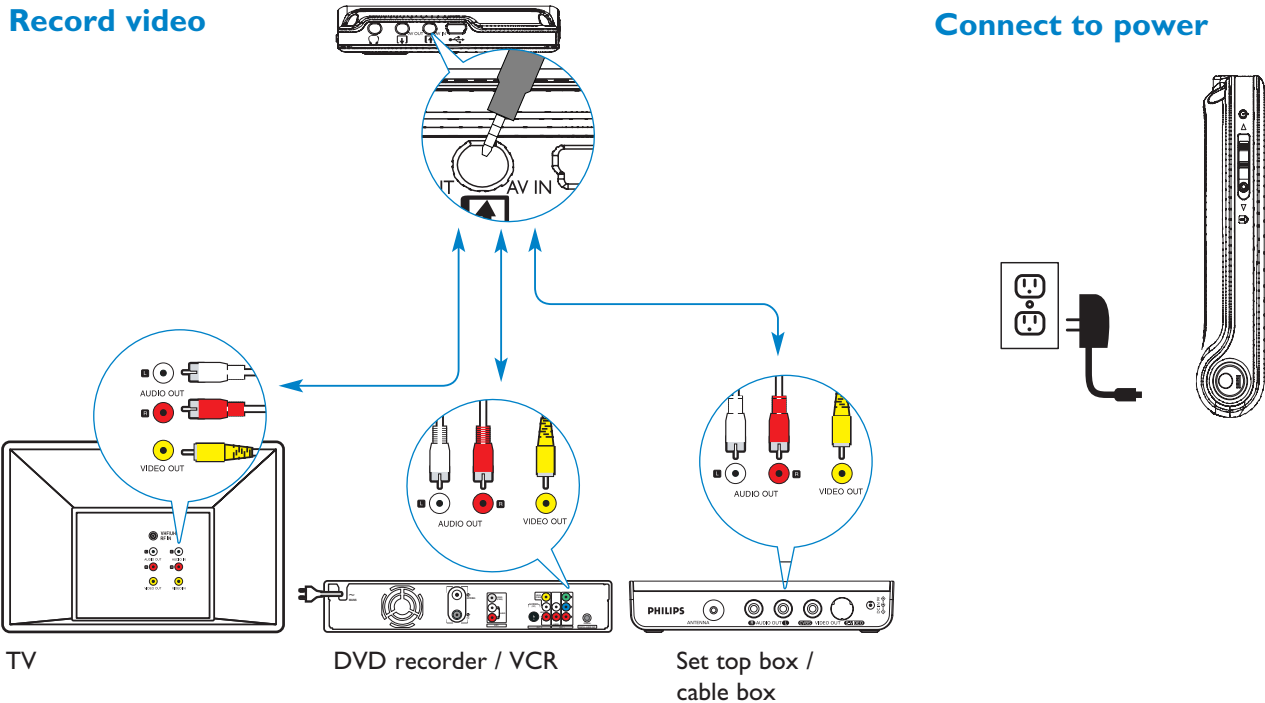
Overview of controls and connections



Press	To
ON/OFF LOCK slider	Slide up to power On/Off Slide down to lock all keys
Menu navigator / OK 	Up and Down to navigate Menu lists / navigate through music list or pictures Left and Right to select different views in music and pictures mode OK to confirm your selection
Main menu 	Show main menu
Back key 	Go back to the previous operation
Play/Pause 	Play/Pause songs, videos or slideshows
+/- 	Adjust volume
Fast Rewind 	Press: Move back to previous song or picture / Skip back in a video Press and hold: Fast rewind a song or video
Fast Forward 	Press: Move forward to next song or picture / Skip forward in a video Press and hold: Fast forward a song or video

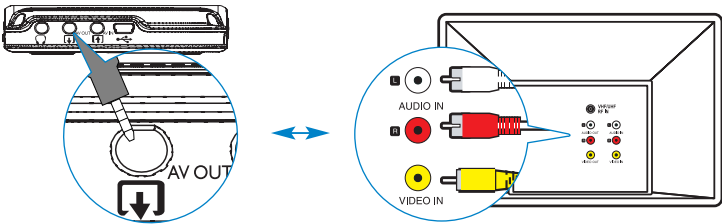
Connection diagram

Record video

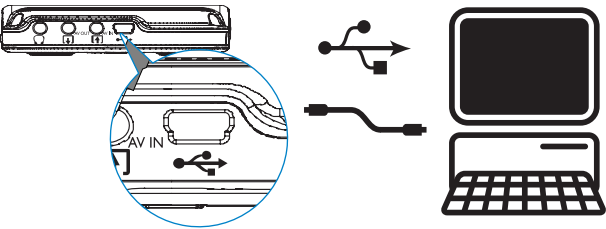


Note: Commercial DVD or Pay-per-view movies are protected by Macrovision thus cannot be copied

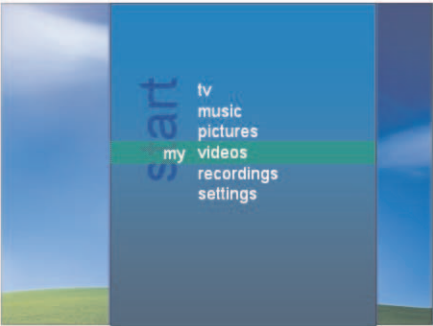
Playback on TV



Connect to PC



Main menu



Select Menu item	To
my tv	View recorded TV programs (only those programs recorded on a Media Center PC)
my music	Playback your music and audio recordings
my pictures	View your pictures
my videos	View your videos and video recordings
recording	Start a video or audio recording Schedule a video recording
settings	Customize the settings of your player

Install

IMPORTANT Install the software in the by packed CD. You need this to transfer Pictures, Music and Videos to your Portable Media Center.

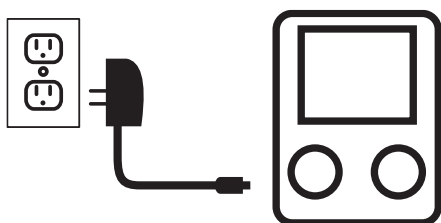
System requirements:

- Windows XP (SP2 or above)
- Pentium III 800MHz processor or higher
- 256MB RAM
- 64MB hard disk space
- Internet connection (preferable)
- Microsoft Internet Explorer 6.0 or later
- CD-ROM drive
- USB port

- 1 Insert the CD supplied with your product into the CD ROM drive of your PC.
- 2 Follow the on-screen instructions to complete the installation of **Windows Media Player 10** and **ArcSoft MediaConverter**.
- 3 If the installation program does not start automatically, browse the CD contents via Windows Explorer and run the program by double clicking on the file ending with .exe.

Lost your CD? Don't worry, you can download the CD contents from www.philips.com/support or www.philips.com/usasupport (for U.S. residents).

Charge



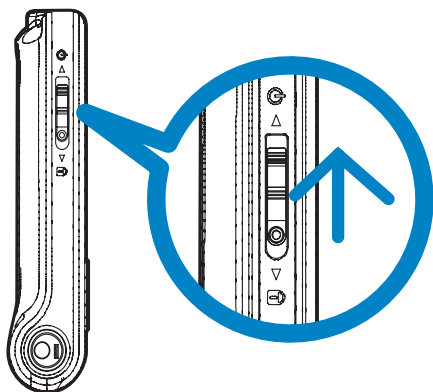
Charge the player for 4 hours before using it for the first time.

- 1 Connect the supplied power adapter to the charging socket on the bottom left side of the player. See **Connection diagram** in this user manual for more details.
- 2 Plug the other end into a AC wall outlet.
- 3 It takes approximately 4** hours to fully charge your player.


** Rechargeable batteries have a limited number of charge cycles and may eventually need to be replaced. Battery life and number of charge cycles vary by use and settings.

Enjoy

Power on and off / lock



To turn on the player, slide **ON/OFF LOCK** slider up towards  and hold until Philips appears on the screen.

To turn off the player, slide **ON/OFF LOCK** slider up towards  and hold until the screen turn black.

When on, your player can be put into a standby mode (rather than shutting down fully) by sliding the **ON/OFF LOCK** slider to **ON/OFF** position and releasing the slider immediately. This is useful when you want to want to turn off you player for a short while.

To prevent accidental activation of the buttons on the player, move the **ON/OFF LOCK** slider down to the **LOCK** position to lock the buttons.


Your player automatically powers off in 10 minutes if there is no operation or music played. The last playback status and screen will be resumed the next time it is powered on unless the player has been powered off for a long period of time or the battery level was low when the player was powered off.

Detailed operation

Videos

Controls

During video playback, you can do the following:

To	Do this
Play / Pause video	Press ►
Skip forward 27 secs	Press ►►
Skip back 7 secs	Press ◀◀
Forward search	Press and hold ►►
Backward search	Press and hold ◀◀
Adjust volume	Press +/-
Go back to previous operation	Press ◀
Go back to main menu	Press 

TV

If you have a Media Center PC, you can use your PC to record television programs. The files will be saved with a dvr-ms extension. You can sync these files to your player using **Windows Media Player 10**. The files will be automatically saved under the **my tv** menu in the main menu.


Visit <http://www.microsoft.com/windowsxp/mediacenter/default.msp> in case you want to know more about synchronizing your PMC with your Media Center PC.

Play video files

Your player can playback digital video files that you have purchased from the internet or recorded from your cable box, satellite tuner or the tuner in a VCR or DVD recorder. You can even record the video you have created with your video camera.

You can convert and transfer video files from your PC to your player with **ArcSoft MediaConverter**. For more information on how to transfer videos, see **Video transfer** in this manual for details.

To play video files:

- 1 Press .
- 2 Press ▲/▼ to highlight **my videos** and press **OK**.
- 3 You can browse your videos by date, by source or by file name. Press ◀ or ▶ to switch between the different modes.
- 4 Select the video of your choice and press **OK**.
- 5 You can choose to start playback from the beginning of the file or resume playback from where you last stopped.



TIP If you do not finish watching a video, you can always resume watching from where you left off using the resume function.

About Digital Rights Management (DRM)

If you have songs that were bought online stored on your player, from time to time you may see a **Licence problem** pop up message. This means the license for the song on your player may have expired. To update the license with the latest information, synchronize your player with your computer.

Playback on TV

You can play music, videos, and view pictures on your TV.

- 1 Connect the supplied A/V cable to the A/V Out socket of your player.
 - 2 Connect the other end, with the yellow, white and red plugs to the matching colored A/V input jacks on your TV.
 - 3 On your player, press  to enter the main menu
 - 4 Press  to highlight **settings** and press **OK** to select.
 - 5 Highlight **Display** from the **settings** menu and press **OK** to select.
 - 6 Highlight **TV out**.
 - 7 Highlight **On** and press **OK**.
- > A message will appear: **To return display to the Portable Media center, turn power off and then on.**
- 8 Press **OK** to enable TV out.
- > Player screen will turn off.
- 9 On your TV, select the A/V input channel.

Refer to your TV manual to see how to select A/V input.

> You should see the menu of your players on your TV screen.

Before you disconnect the player from the TV, go to the settings menu to switch TV out off. If you already disconnected the player from the TV, switch the player OFF and ON again to return the display to your player.

Video recording

Your player can record your favorite TV programs. See **Connection diagram** in this user manual for connection details.

- 1 Plug in the AC adaptor to the charging socket and plug the other end into AC wall outlet.
 - 2 Connect the supplied A/V cable to the A/V in socket of your player.
 - 3 Connect the other end, with the yellow, white and red plugs to the matching colored A/V output jacks on your TV, VCR, cable box, satellite tuner or DVD recorder.
 - 4 From the main menu, highlight **Recording** and press **OK**.
 - 5 Highlight **Video** and press **OK**.
- > The player will search for the TV signal. Once detected, it will display the same TV signal on your player.


If no signal is detected, check the **Connection diagram** in this user manual. Make sure all the cable connections are connected to the input and output correctly. See **Troubleshooting** in this manual for details.

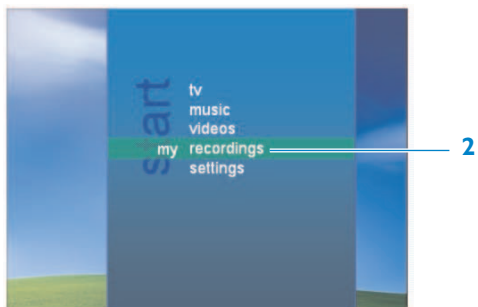
- 6 Press **OK** to start recording.
 - 7 Press **OK** again to stop recording.
- > The recording will be saved under **my videos**.

Video files you have recorded on the player are named - **Rec June 28,2006 10.24pm.avi** (Rec Month Day, Year HH:MMam/pm)

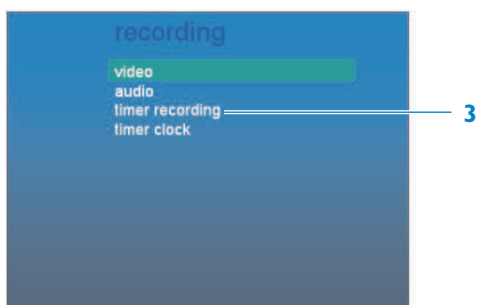
Schedule a video recording

You can schedule a recording to take place later.

- 1 Enter the main menu by pressing .

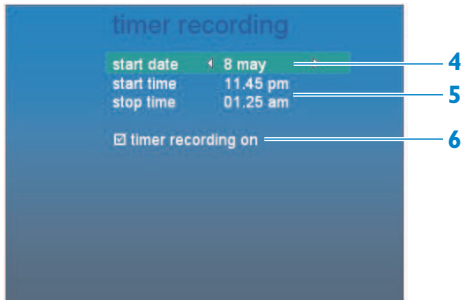


- 2 Use the ▲ and ▼ buttons to highlight **recording** and press OK.



- 3 Highlight **timer recording** and press OK.

Make sure to set the timer clock of your player correctly.



4 Adjust the required start date using ◀ and ▶.

5 Then use ▲ and ▼ to move down to **start time** and **stop time**. Adjust the time using ◀ and ▶. The time is changed in 5 minute increments.

6 Move down to **timer recording on** and press OK to turn it on. If you want to turn off the timer then simply press OK again.

> When scheduled time and date take place, the video recording will begin automatically.

Make sure your player is connected to the video source (see **Connection diagram** in **Getting started** for details).

To avoid low battery, plug in the AC adaptor to the charging socket and plug the other end into AC wall outlet.

Timer recording is limited based on the recording quality, the storage space available and the file system (this determines the size of the file created) on your player. This relationship between recording quality and the time you can record for is given below.

Quality	Resolution	High	Medium	Low
VGA	640 × 480	3 hours	4 hours	5 hours
QVGA	320 × 240	6 hours	7 hours	8 hours

The storage space available is based on the number of files you have already stored on your player. The recording time may be less in cases where your player already is close to being full.

While using timer recording, the Portable Media Center interface will automatically limit your recording time based on the settings you have chosen & the available space.


In case of manual recording, if the limit is reached, the Portable Media Center will automatically stop recording and save the file for you.

Music

You can transfer your digital music and picture collection from your computer to your player using **Windows Media Player 10**. For more information on music transfer, see **Transfer** section in this user manual for details.

Controls

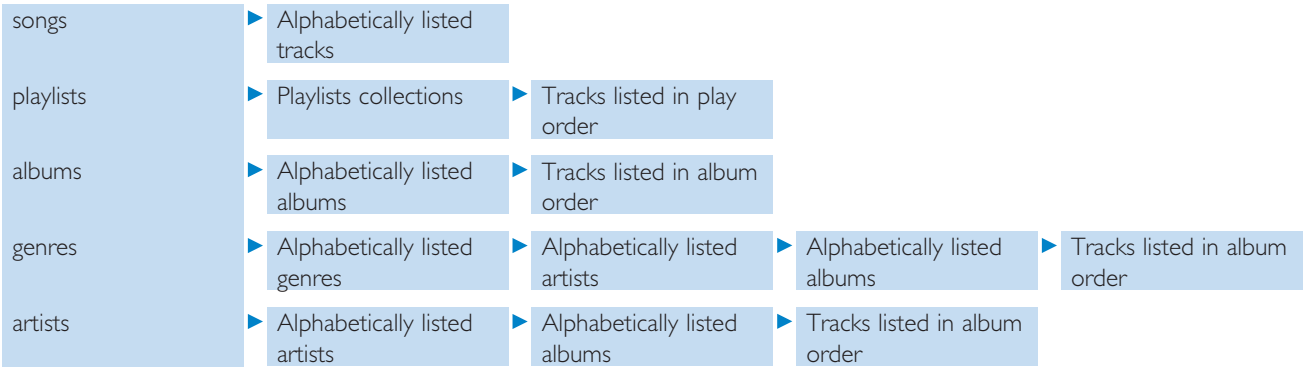
During music playback, you can do the following:

To	Do this
Play / Pause music	Press ►
Go to next song	Press ►
Go to previous song	Press ◄
Forward search	Press and hold ►
Backward search	Press and hold ◄
Go to main menu	Press 
Go to previous menu	Press ◀
Adjust the volume	+/-

Find your music

1 From the main menu, select **my music** to enter music mode.

You can search from the following music options using **menu navigator/OK**:



2 Press ◀/▶ to the category, such as artists, playlists, etc.

3 Press ▲/▼ to a specific artist or album, etc. within a category.

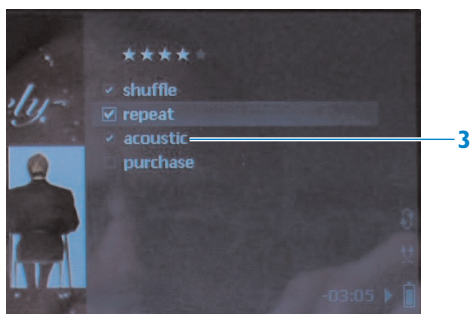
4 Press **OK** to start your playback.

Album art

Your player displays the album artwork for the song you are currently playing or when you are browsing through a list of songs or albums. If no album artwork is available, it will show a default image. Always use Press main menu and the up down button for the chapter. Album art is coming from the ID3 tag information from your mp3 or wma song.

Music playback settings

You can adjust the playback settings while you are playing a song.



- 1 During playback, press ◀▶ several times until you see the above screen.
- 2 Use ▲▼ to highlight **Shuffle**, **Repeat** or **Equalizer** and press **OK**.
- 3 Highlight **Equalizer** and press **OK** to set equalizer from **acoustic**, **classical**, **electronic**, **hip hop**, **jazz**, **pop** and **rock**, and back to **equalizer** (off).

If you wish to purchase a song that you are listening to (because you obtained it as part of a music subscription service), then select **Purchase**. The next time you connect to **Windows Media Player**, the song will be purchased.

You can also set the rating of the song being played with stars ★. Use ▲▼ to highlight ★★★★★ and press **OK** to set the number of stars from 1 to 5 or back to 1.

An alternative way to set Audio Playback setting is to press , select **settings**, then select **Music**, where you can define the Shuffle, Repeat and Equaliser settings.

Audio recording

Your player can record audio using the audio recording function. See **Connection diagram** in this user manual for connection details.

- 1 Plug in the AC adaptor to the charging socket and plug the other end into AC wall outlet.
 - 2 Connect the supplied A/V cable to the A/V in socket of your player.
 - 3 Connect the other end, with the yellow, white and red plugs to the matching colored A/V output jacks on your TV, VCR, cable box, satellite tuner or DVD recorder.
 - 4 From the main menu, highlight **Recording** and press **OK**.
 - 5 Highlight **Audio** and press **OK**.
- > The player will search for the signal. Once detected, it will display the same signal on your player.

If no signal is detected, check the **Connection diagram** in this user manual. Make sure all the cable connections are connected to the input and output correctly. See **Troubleshooting** in this manual for details.

- 6 Press **OK** to start recording.
 - 7 Press **OK** again to stop recording.
- > The recording will be saved under **my music**.

Video files you have recorded on the player are named - **Rec June 28,2006 10.24pm.mp3** (Rec Month Day, Year HH:MMam/pm)

Portable Playlist

When an album or song has been selected with the navigation keys, it is possible to either play it or to add it to a Portable Playlist. A Portable Playlist is a playlist where you can add songs or whole albums without using a PC.

It is not possible to upload the portable playlist to a PC or to delete individual songs from the portable playlist.

Pictures

You can view your favorite pictures on your player. While you are browsing your pictures, you can listen to music at the same time.

View picture

- 1 From the main menu, highlight **my pictures** and press **OK**.
- 2 You can browse your pictures by date or by folders. Press ◀ or ▶ to switch between these two modes.
- 3 Press ▲ or ▼ to highlight the folder of your choice and press **OK**.
- 4 Press **OK** again to view all pictures in the folder as a slide show. Or press ▼ to go to the thumbnail view. Use **menu navigator/OK** to select a picture and press **OK** to view the picture in full screen.
- 5 While viewing the pictures, press ▲ or ▼ to view the last/next picture; press ◀ or ▶ to switch between screens to read different information, change playback modes, or return to the full screen display, etc.

TIP You can play music while viewing your pictures.

When you are playing a song while viewing your pictures, the song information will be displayed at the bottom of the screen.

Picture playback settings

You can adjust the playback setting while you are viewing a picture or a picture slide show.

- 1 Press ▶ to go to the playback settings menu or press [Menu] to go to the main menu, select **settings** and then select **Pictures**.
- 2 Press ▲ or ▼ to highlight the item you want to change, and press **OK** to change the item value.

The following playback settings are available:

Zoom in	To enlarge and move the selected picture/picture as you want. Highlight zoom in and then press OK . Adjust the picture position by pressing the menu navigator/OK . Press OK to return to the previous screen.
Shuffle	To play the pictures randomly.
Transitions	To set the slide transition timing in a slide show.

The Zoom in feature is not applicable to low resolution pictures.

Settings


The settings menu allows you to make adjustments and set personal preferences on your player.

- 1 Press [Menu] to enter the main menu and highlight **settings** and press **OK**.
- 2 Use **menu navigator/OK** to highlight an option.
- 3 Press **OK** to confirm your selection.
- 4 Press [Back] to exit the **settings** menu.

In the **settings** menu, the following options are available:

Settings	Options	More options	Description
Music	Shuffle	On/Off	Playback songs in random order.
	Repeat	On/Off	Keep looping the selected songs.
	Equalizer	Acoustic, Classical, Electronic, Hip Hop, Jazz, Pop, Rock or None	Choose an equalizer setting that suits your music.
Pictures	Transitions	3 sec, 5 sec, 7 sec, 10 sec, 15 sec, 30 sec	Select the slide transition timing in a slide show.
	Shuffle	On/ Off	Playback the pictures in a slide show at random.

Settings	Options	More options	Description
Display	Backlight	1 second, 5 seconds, 15 seconds, 1 minute or Always on	Set the backlight time.
	Brightness	1 (dim), 2, 3, 4, 5 (bright)	Set the brightness of the display from dim to bright.
	TV out	On/Off	Turn TV out on (switch the display to the TV). Or turn the TV out off (returns the Display to the player)
	TV System	NTSC / PAL	Set your TV system. NTSC is mostly used in USA and Asia, PAL in Europe.
Effects	Screen effects	On/Off	Smooth changes with rolling effect
	Sounds	On/Off	Accoustic feedback “beep” when you press a button
	Scrolling speed	Slow / Normal / Fast	Set the speed for scrolling through menus.
International	Language	English, Spanish	Select the language for display on screen.
	Standards	English, Spanish	Select a national standard that matches your PC
Restore original settings	Yes / No		Restores all the settings back to their original values.
Information	Portable Media Center		Version number of player
	Contents		Indicates how many TV programs, Songs, Albums, Pictures and Videos are stored on the player. Indicates how many Gigabytes are free and how many are used.
	Legal		Disclaimer
Recording	Video	Resolution, Quality, Recording Time	Select the Resolution (320x240 good quality or 640x480 better quality), the Quality (Low, Medium or High) and the Video Recording Time (off, 15 Minutes, 30 minutes, 1 Hour, 1.5 Hours, 2 Hours, 3 Hours)
	Audio	Recording Time	Select the Audio recording time (off, 15 Minutes, 30 minutes, 1 Hour, 1.5 Hours, 2 Hours, 3 Hours)
	Restore original settings	Yes / No	Restores all the settings back to their original values

TIP If you accidentally change the setting to a language you do not understand, press , and then press ▼ to highlight the last item, and press OK. Press ▼ to highlight the fifth item, and press OK. Press OK again to enter Language. Highlight the language you want, and press OK. A message will appear to ask if you want to restart your player. Press ◀ and then OK to confirm. The new language setting will only take effect after the player is restarted.


Transfer

This chapter describes the steps that you need to follow to successfully transfer music and pictures to your player. For more information, see **Windows Media Player (WMP) Help** and **Arcsoft MediaConverter Help** on your computer.

IMPORTANT Make sure you have installed the software available in the supplied CD for music and picture transfer and for video conversion and transfer.

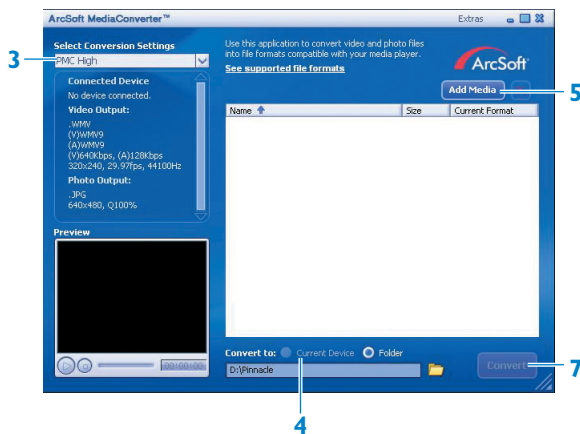
Video transfer

IMPORTANT If you have DRM protected videos on your PC, make sure that you play the at least once in WMP10 before transferring to your PMC7230 using Arcsoft Media Converter.

Use **ArcSoft MediaConverter** to convert the video files to the correct screen size and transfer videos from your PC to your player. This application will convert your video files to the right format and resolution before transferring them to your player so that they are guaranteed to playback on your player without any problems. 

- 1 Connect your player to the PC via the supplied USB cable.
- 2 Start **ArcSoft MediaConverter** by clicking this icon on your desktop.

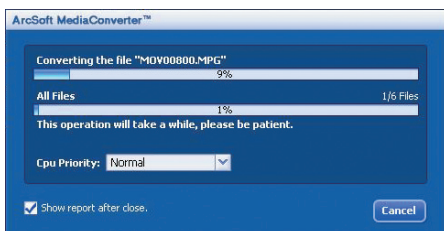
Video conversion and transfer is usually a long process and dependent on your PC configuration. Please be patient while this happens.



- 3 Use the **Select Conversion Parameters** pull down menu to choose the quality of the output. You will see a corresponding change in the information box below.
- 4 In the **Convert to:** option at the bottom of the screen, select **Current Device**, the contents will be stored directly on the connected player.
- 5 Press the **Add Media** button to select your video files.
- 6 Press **OPEN** when you have found the video files on your PC that you want to transfer to the player. You may also add additional video files.
OR
Select the files in **Windows explorer** and then drag and drop them into the **Arcsoft MediaConverter** screen.
- 7 Press **Convert**.

If needed, the files will first be converted to a format that can be played on the player.

> All the converted files will be transferred to the player.



- 8 The progress of conversion and transfer is shown
> The files will be stored in the **Videos** folder of the player. You can see the result of the conversion (if needed) and transfer by checking **My Computer > Philips PMC7230 > Media > Video** when the player is connected to the PC.

Music transfer

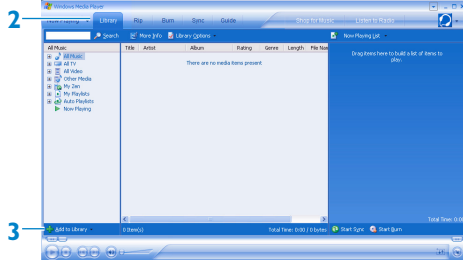
You can add, organize and manage songs in your playlists using **Windows Media Player 10**. For more information, see **Windows Media Player (WMP) Help** on your computer.

TIP We recommend that you always use **Windows Media Player** to transfer music to your player. However, if you prefer to use **Windows Explorer**, always make sure that you copy your music into the **Media > Music** folder, otherwise the songs will neither show nor play on your player.

Add songs to Windows Media Player Library

Songs that are already on your computer

1 Start **Windows Media Player** by double clicking the following icon on your desktop.



2 Select **Library** tab to access media library

3 Click **Add to Library** on the bottom left of the screen.

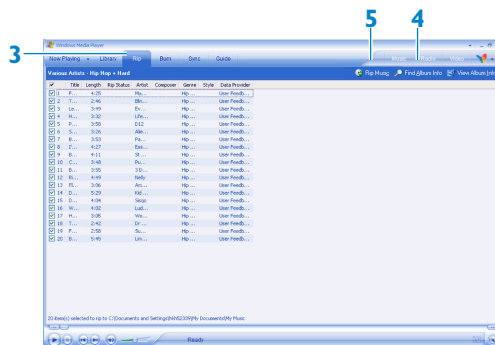
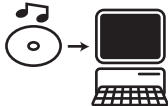
> You can choose to add files from folder, URL, by searching your computer, etc.

4 Select the desired files and add them into the library.

Rip songs from a CD

If you want to transfer music from a CD to your player, you need to create a digital copy of the music on your PC first. This is called ripping.

1 Start **Windows Media Player**.



2 Insert the Audio CD.

3 Select **Rip** tab to display the list of music tracks on your CD.

If your computer is connected to the Internet, the album information will be automatically obtained so that you don't have to enter the song titles and other information manually.

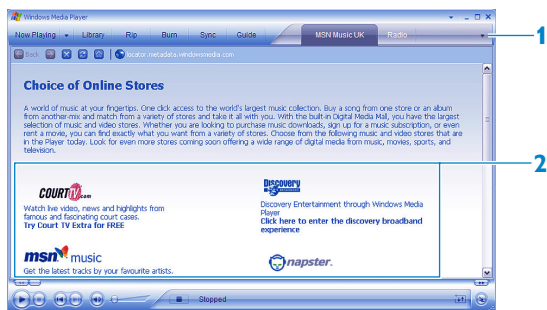
If this does not happen, verify that you are connected to the Internet and click **Find Album Info**.

4 Select the songs that you would like to rip and click **Rip Music** on the top menu bar.

> The songs will be converted into digital copies and added to **Windows Media Player** library.

Buy songs online

If you want to buy music online, you need to select a music store.



1 Click the little triangle on the top right of the screen and select **Browse all Online Stores**.

2 Choose a store and follow the on-screen instructions.

> After you have bought a song or an album, it will appear in **Windows Media Player** library.

Manage your Windows Media Player Playlist

Create a Playlist

1 Start **Windows Media Player**.

2 Select the **Library** tab to access the media library.

3 Click to highlight a song.

4 Right click on the track and select **Add to > Additional Playlist...**

5 In the **Add to Playlist** dialog box, select an existing playlist or click **New** to add a new playlist.

> The song you have selected will be added to the playlist.

TIP To select more than one song, press and hold **Ctrl** of your computer keyboard, then click to select any number of songs.

To select consecutive songs in a list, click the first song, then press and hold **Shift** of your computer keyboard, and click the last song in the list you want to select.

Transfer playlists

You can transfer playlists to your player via the automatic synchronization option of **Windows Media Player**. (See **Set up automatic synchronization** section in this user manual for step by step instructions.)

1 Select **Sync** tab.

2 Click **Sync settings** or **Setup Sync**, select **Synchronize device automatically** check box and select the playlists to be synchronized with the player.

Synchronize Windows Media contents with your player

When you connect the player to your computer for the first time, **Windows Media Player** will start **Device Setup Wizard**. You can choose to synchronize your player with **Windows Media Player** library automatically or manually.

TIP

When your player is connected to your computer for the first time, **Windows Media Player 10** offers you the following options:

Automatic Synchronization:

Choosing **Automatic** will automatically synchronize the contents of your player with the contents on your computer each time you connect your player to your computer. Be aware that this option allows you to auto sync with one PC only.

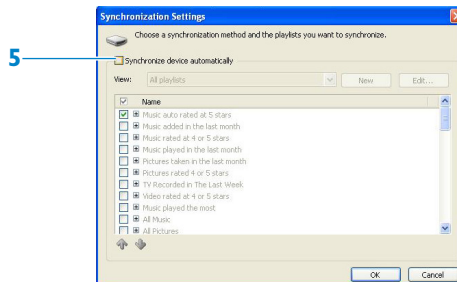
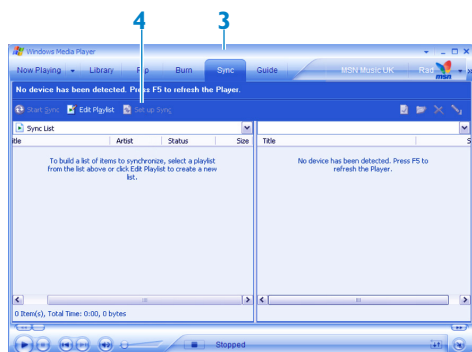
Manual Synchronization:

Choosing **Manual** allows you to select the contents that you want to synchronize each time.

Set up automatic synchronization

This is how you can automatically synchronize the playlists in your **Windows Media Player** with your player. If a playlist is empty in **Windows Media Player** then it will be automatically removed from the player.

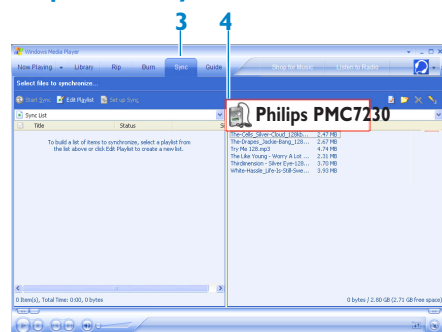
- 1 Start **Windows Media Player**.
- 2 Connect the player to your computer using the supplied USB cable.



- 3 Select **Sync** tab
 - 4 Click **Set up Sync**.
- > *Synchronization settings dialog box will be displayed.*
- 5 Select **Synchronize device automatically** check box.
 - 6 Select the check boxes that correspond to the playlists you want to synchronize.
 - 7 Click **OK**.

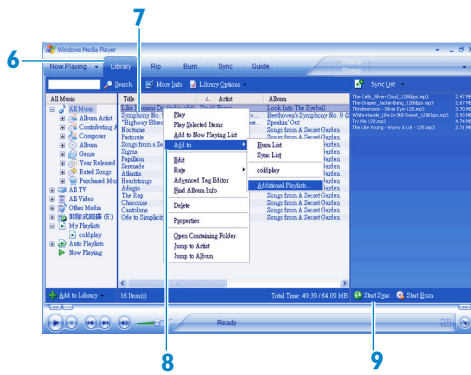
IMPORTANT Do not disconnect your player while transferring is in progress.

Set up manual synchronization



- 1 Start **Windows Media Player**.
- 2 Connect the player to your computer using the supplied USB cable.
- 3 Select **Sync** tab.
- 4 In the pull-down menu on the right pane, select **Philips PMC7230** as the destination.

If they are not in the list, click **F5** to refresh and try again.



6 Select the **Library** tab to access the media library.

7 Click to highlight the song you want to copy.

8 Right click on the song and select **Add to > Sync List**.

OR

Drag and drop the song into the **Sync List** on the right pane.

9 Click **Start Sync** button at the bottom of the screen to start synchronization.

> The progress will be displayed just above the **Start Sync** button.

Manage your songs and playlists in Windows Media Player

Delete songs and playlists from Windows Media Player library

1 Click to highlight an item.

2 Right click and select **Delete** to delete the item.

TIP To remove a playlist from the player, make sure that the playlist is selected for Automatic Synchronisation in **Windows Media Player**. Then remove all the songs from the playlist in **Windows Media Player** and restart the Auto Synchronisation function.

Edit song information via Windows Media Player

1 Select **Library** tab.

2 Highlight the song you want to edit, right click and select **Edit**.

3 Edit on the text box directly.

Search for songs via Windows Media Player

1 Select **Library** tab.

2 Type a search string in the search field.

3 Click **Search** to start searching.

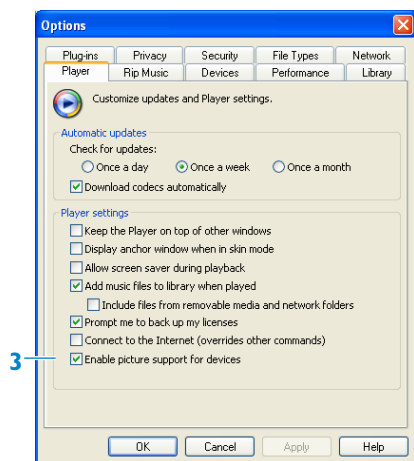
4 A list of songs containing the search string will be displayed.

5 You can play, transfer, delete, add to sync list, etc.

Picture transfer

Enable picture support

- 1 Start **Windows Media Player**.
- 2 Go to **Tools > Options > Player**.



- 3 Make sure that the **Enable picture support for devices** check box is selected.

Add pictures to Windows Media Player Library

- 1 Start **Windows Media Player**.
- 2 Select the **Library** tab to access the media library.
- 3 Click **Add to Library** on the bottom left corner of the screen.
- 4 Choose **Add Folder**.
- 5 Select the folder in which you have kept your pictures and press **OK**.

Transfer pictures to your player

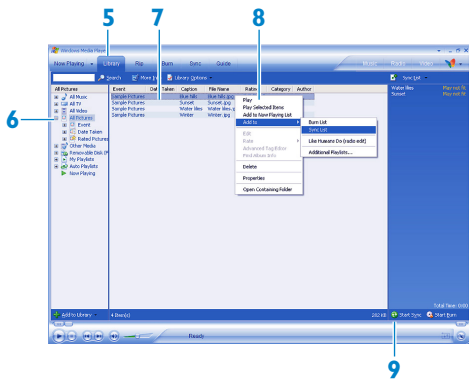
TIP Pictures can also be transferred to the player via **Windows Explorer**.

- 1 Connect the player to your computer.
- 2 Start **Windows Media Player**.



- 3 Select **Sync** tab.
- 4 In the pull-down menu on the right pane, select **Philips 7230** as the destination.

If they are not in the list, click **F5** to refresh and try again.



5 Select **Library** tab to access media library.

6 Click **All Pictures** on the left pane to display the list of pictures.

TIP To select multiple pictures, highlight a picture you want, then press and hold **Ctrl** of your computer keyboard, and highlight the other pictures you wish to select. To select all pictures, highlight the first picture, then press and hold **Shift** of your computer keyboard, and click the last picture in the list you wish to select.

7 Click to highlight a picture you want to copy to your player.

8 Right click on the picture and select **Add to > Sync List**.

OR

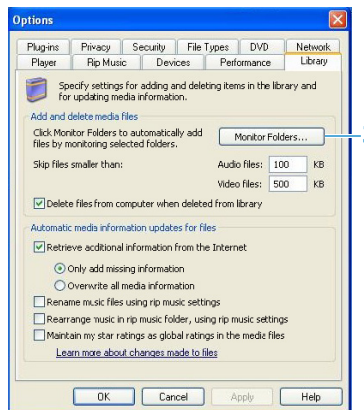
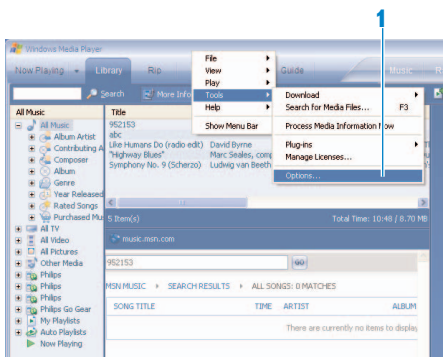
Drag and drop the picture into the **Sync List** on the right pane.

9 Click **Start Sync** at the bottom of the screen to start synchronization.

> The progress will be displayed just above **Start Sync**.

A pop-up message will be displayed, notifying you of the synchronization progress.

When the pop-up message disappears, the transfer is completed and you can disconnect your player.



To obtain the complete contents of your library for newly added content via **Windows Media Player**:

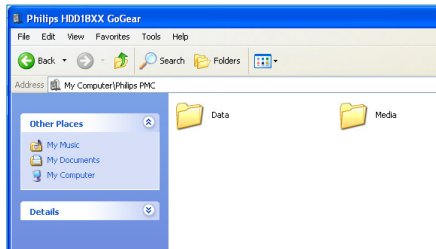
1 Select **Tools > Options**.

2 Select **Library** tab.

3 Select **Monitor Folders** option.

4 Add the folders in which you usually keep your music and pictures.

Use your player to store and carry data files



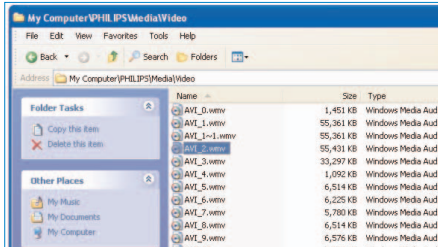
You can use your player to store and carry data files by copying data files into the **Data** folder of your player via **Windows Explorer**.

Data files stored in the Data folder cannot be read directly from your player. These data files can only be read in your computer after you have transferred them from your player to your computer.

Delete Content

Delete Video Files

Use **Windows Explorer** to remove video content from your player. To remove a video file:



- 1 Connect the player to your PC via supplied USB cable.
- 2 Select **My Computer** in **Windows Explorer**.
- 3 Select **Philips PMC7230**.
- 4 Select the **Media** folder and then the **Video** directory,
- 5 Select the file to be deleted and press **Delete** on your keyboard to delete it.

Delete Music

Use **Windows Media Player** to remove music. Empty playlists are automatically removed when you perform the Auto Sync function in **Windows Media Player**.

Simply remove the music file from the Sync list in **Windows Media Player**.

To remove music from the player, connect the player to your PC, select **SYNC** tab in **Windows Media Player**, make sure that the auto sync check box is not checked. Then delete the music content shown on the left panel (device **PMC7230**) in **Windows Media Player**.

Delete Pictures

Use **Windows Explorer** to remove pictures from your player. To remove pictures:

- 1 Connect the player to your PC via the supplied USB cable.
- 2 Select **My Computer** in **Windows Explorer**.
- 3 Select **Philips PMC7230**.
- 4 Select the **Media** and then the **Pictures** directory,
- 5 Select the file or folder containing the pictures you wish to delete and delete them.

Recover your player

Occasionally, your player might need to reformat its hard disk to recover from a damaged or missing Media Library or other firmware problem.

The following screens on your player will guide you through the recovery process.

Screen 1



The appearance of this graphic on the screen of your player indicates that there is a problem with the firmware. To fix this problem, connect your player to your PC.

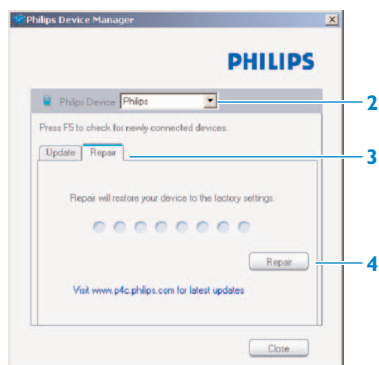
Screen 2



Make sure your player is successfully connected to the computer.

IMPORTANT All your contents will be erased from your player after completion of repair process. Therefore, please backup your files before repairing. After repair, simply synchronize your player again to transfer music to your player.

1 Launch **Philips Device Manager** from **Start > Programs > Philips Device Manager**.



2 Select your device.

3 Select **Repair** tab.

4 Click **Repair**.

> The repair process will start.

5 Click **Yes** to proceed.

6 After the repair process is completed, click **OK** and disconnect your player.

> The player will automatically restart after firmware is completely updated. Your player is now ready to use again.

Other screens

Screen 3



You may see the above screens under different conditions.

Appears when your Portable Media Center is fixing certain disk errors.

The content on your Portable Media Center might be lost. Once the Portable Media Center completes its operation, it will take you back to Screen 1. Follow instructions given above to recover the player.

If this screen remains on for more than 2 minutes, your player could not fix the disk errors. Please take the player back to where it was purchased.

Screen 4



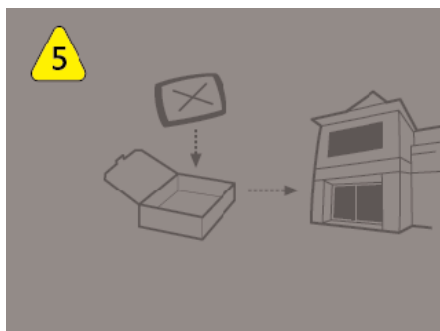
A picture with a large numeral 4 in one corner of the screen.

Appears when your player is fixing certain disk errors.

All content on your Portable Media Center is lost, and you must add it again from your primary computer. Once the player completes its operation, it will take you back to Screen 1. Follow instructions given above to recover the player.

If this screen remains on for more than 5 minutes, your player could not fix the disk errors. Please take the player back to where it was purchased from.

Screen 5



A picture with a large numeral 5 in one corner of the screen.

Appears if a problem with the hard disk occurs that your Portable Media Center could not fix. Please take the player back to where it was purchased from.

Troubleshooting

My PC does not recognized my player

Make sure that you have installed **Windows Media Player 10** and **ArcSoft MediaConverter** available in the supplied CD. Connect your Player to your PC with the supplied USB cable and make sure that your player is switched ON.

The player does not operate and nothing is displayed on the screen

Push up the **ON/OFF LOCK** slider once to turn the player's system back on.

Make sure that the **ON/OFF LOCK** slider is not in the **LOCK** position. If the **ON/OFF LOCK** is in the lock position, move it to the unlock position.

Connect the power adapter to charge the battery.

If nothing happens, reset the player.

There is no sound when I press ►|| in music mode

Check and adjust the volume by pressing **+/-** (volume buttons).

Make sure that the **ON/OFF LOCK** slider is not in the **LOCK** position. If the **ON/OFF LOCK** is in the lock position, move it to the unlock position.

My player skips songs

The skipped song may be protected. You may not have sufficient rights to play the skipped song on your player. Check the music rights with the song provider.

My player does not play songs from iTunes

Your player does not support the AAC (MP4) format. You can play songs only from "Plays for Sure" stores.

Song or artist names are not displayed during playback

Check whether you can see the names correctly when you play the song on your computer in **Windows media player**. If this not the case, edit the information in **Windows Media Player** and sync the file to your player again.

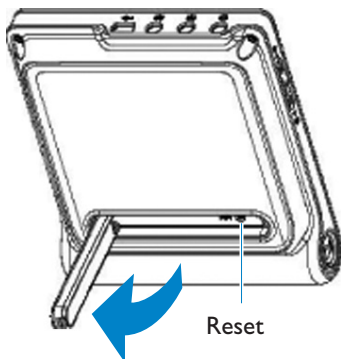
There are no pictures on my player after transfer

If you cannot find the pictures that you have transferred to your player, check the following:

- Did you transfer your pictures using **Windows Media Player**? Files transferred via other means will not appear on your player.
- Are your pictures in JPEG format? Pictures in other formats cannot be transferred to your player.

My player hangs

In the unlikely event that your player hangs, do not panic. Insert a small pin or a sharp object into the reset hole located at the back of the player under the desk stand. Hold until the player shuts down.



The existing contents on your player will not be erased.

Under the influence of electrostatic phenomenon, the product may malfunction and require user to disconnect the power plug from the jack, and insert again. existing contents on your player will not be erased.

Important safety information

END USER NOTICE

Microsoft® Windows Mobile™ Software for Portable Media Centers

Warning:

If you use this Device while driving, remember that your safety depends on using it responsibly. Accidents can happen quickly. Keep your hands on the wheel and your eyes on the road. Have a passenger change settings, or if that is not possible, pull over safely first. Keep the volume low enough to hear outside sounds, including emergency sirens, car horns, and railroad crossing or other safety signals.

Microsoft makes no representations, warranties or other determinations that ANY use of the software product listed above is legal, safe, or in any manner recommended or intended while driving or otherwise operating a motor vehicle.

General Operation

Prolonged Views of Screen

If you are driving, do not access any function requiring a prolonged view of the screen. Pull over in a safe and legal manner before attempting to access a function of the system requiring prolonged attention. Even occasional short scans to the screen may be hazardous if your attention has been diverted away from your driving task at a critical time.

Volume Setting

Do not raise the volume excessively. Keep the volume at a level where you can still hear outside traffic and emergency signals while driving. Driving while unable to hear these sounds could cause an accident.

General maintenance

To avoid damage or malfunction:

- Handle your hard disk media player with care.
- Do not expose the player to excessive heat caused by heating equipment or direct sunlight.
- Do not drop your player or allow objects to fall on your player.
- Do not allow your player to be submerged in water. Do not expose headphone socket or battery compartment to water, as water entering the set may cause major damage.
- Do not use any cleaning agents containing alcohol, ammonia, benzene, or abrasives as these may harm the set.
- Active mobile phones in the vicinity may cause interference.
- Backup your files. Please ensure that you retain the original files you have downloaded to your device. Philips is not responsible for any loss of data if the product becomes damaged or not readable / legible.
- Manage (transfer, delete, etc.) your music files only with the supplied music software to avoid problems!

About operating and storage temperatures

- Operate in a place where temperature is always between 0 and 35°C (32 to 95°F)
- Store in a place where temperature is always between -20 and 45°C (-4 to 113°F)
- Battery life may be shortened in low temperature conditions.

Hearing safety

Listen at a moderate volume.

- Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may have already experienced some hearing loss.
- Sound can be deceiving. Over time your hearing “comfort level” adapts to higher volumes of sound. So after prolonged listening, what sounds “normal” can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level before your hearing adapts and leave it there.



To establish a safe volume level:

- Set your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.

Listen for reasonable periods of time:

- Prolonged exposure to sound, even at normally “safe” levels, can also cause hearing loss.
- Be sure to use your equipment reasonably and take appropriate breaks.

Be sure to observe the following guidelines when using your headphones.

- Listen at reasonable volumes for reasonable periods of time.
- Be careful not to adjust the volume as your hearing adapts.
- Do not turn up the volume so high that you can't hear what's around you.
- You should use caution or temporarily discontinue use in potentially hazardous situations.
- Do not use headphones while operating a motorized vehicle, cycling, skateboarding, etc.; it may create a traffic hazard and is illegal in many areas.

Copyright information

All other brands and product names are trademarks of their respective companies or organizations.

Unauthorized duplication of any recordings whether downloaded from the Internet or made from audio CDs is a violation of copyright laws and international treaties.

The making of unauthorized copies of copy-protected material, including computer programmes, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.

This product is protected by certain intellectual property rights of Microsoft Corporation. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an authorized Microsoft subsidiary.

Content providers are using the digital rights management technology for Windows Media contained in this device ("WM-DRM") to protect the integrity of their content ("Secure Content") so that their intellectual property, including copyright, in such content is not misappropriated. This device uses WM-DRM software to play Secure Content ("WM-DRM Software"). If the security of the WM-DRM Software in this device has been compromised, Microsoft may revoke (either on its own or upon the request of the owners of Secure Content ("Secure Content Owners")) the WM-DRM Software's right to acquire new licenses to copy, display and/or play Secure Content. Revocation may also prevent your device's ability to transfer, store, copy, display and/or play Secure Content which you have previously stored on your Device. Revocation does not alter the WM-DRM Software's ability to play unprotected content. A list of revoked WM-DRM Software is sent to your device whenever you download a license for Secure Content from the Internet or from a PC. Microsoft may, in conjunction with such license, also download revocation lists onto your device on behalf of Secure Content Owners, which may disable your device's ability to copy, display and/or play Secure Content.

In the event of revocation, Philips will attempt to make available software updates to restore some or all of your device's ability to transfer, store, access, copy, display and/or play Secure Content. However, the ability to make such updates available does not rest solely with Philips. Philips does not guarantee that, after revocation, such software updates will be available. If such updates are not available, your device will not have the ability to transfer, store, copy, display and/or play Secure Content - even Secure Content which you have previously stored on your device.

In addition, even if such software updates are available, they may not enable your Device to transfer, store, copy, display, and/or play Secure Content which was previously stored on your Device. In some cases you may be able to transfer the content from the PC. In other cases, you may have to repurchase previously obtained Secure Content.

To summarize - Microsoft, Secure Content Owners, and Secure Content distributors may deny you access, or restrict your access, to Secure Content. They may also disable your device's ability to transfer, store, copy, display and/or play Secure Content even after you have paid for and obtained it. Neither your consent nor the consent or approval of Philips is necessary for any of them to deny, withhold or otherwise restrict your access to Secure Content or to disable your device's ability to transfer, store, access, copy, display, and/or play Secure Content. Philips does not guaranty that you will be able to transfer, store, access, copy, display, and/or play Secure Content.

The PlaysForSure, Windows Media and the Windows logo are registered trademarks of Microsoft Corporation in the United States and/or other countries.

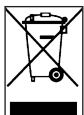
This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing only unless otherwise authorised by Macrovision. Reverse engineering or disassembly is prohibited.

Data logging

Philips is committed to improving the quality of your product and enhancing the Philips user experience. To understand the usage profile of this device, this device logs some info / data to the non-volatile memory region of the device. These data are used to identify and detect any failures or problems you as a user may experience while using the device. The data stored, for example, will be the duration of playback in music mode, duration of playback in turner mode, how many times battery low was encountered, etc. The data stored do not reveal the content or media used on the device or the source of downloads. The data stored on the device are retrieved and used **ONLY** if the user returns the device to the Philips service centre and **ONLY** to simplify error detection and prevention. The data stored shall be made available to user on user's first request.

Disposal of your old product

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



When this crossed-out wheeled bin symbol is attached to a product, it means the product is covered by the European Directive 2002/96/EC.

Please be informed about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old product with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences to the environment and human health.

Modifications

Modifications not authorized by the manufacturer may void user authority to operate this device.

Notice for USA

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.



Notice for Canada

This Class B digital apparatus complies with Canadian ICES-003.

The set complies with the FCC-Rules, Part 15 and with 21 CFR 1040.10. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

Notice for the European Union

This product complies with the radio interference requirements of the European Union.

Technical data

Power supply 2400mAh Li-ion internal rechargeable battery**
 Multi-voltage charger / adaptor: 4 hours full charge; 1 hour fast charge

Dimensions 95 x 107 x 22mm
 Weight Approximately 235g
 Display 3.5" TFT LCD, 16.7M colors display

Audio Playback

Compression format **MP3** (32 to 320Kbps (both VBR and CBR, stereo 2 channels) with sample freq. up to 44.1 and 48Khz)
WMA (32 to 256Kbps (both VBR and CBR, stereo 2 channels) with sample freq. up to 44.1 and 48Khz)

Video Playback

Compression format **MPEG4 Simple profile**, up to 720 x 480, 3Mbps with mp3 up to 320 kbps, 8~48 kHz, up to 30fps, stereo audio in .avi format
MPEG4 Advanced simple profile, up to 720 x 480, 3Mbps with mp3 up to 320 kbps, 8~48 kHz, up to 30fps, stereo audio in .avi format.
WMV9 video: simple profile (QVGA), up to 320 x 240, up to 850 kbps (max peak 1700), up to 30fps, with Windows Media Audio up to 128 kbps (max peak 256), 44.1 kHz, stereo audio in .wmv/asf format.
WMV9 video: simple profile (Widescreen QVGA), up to 480x270 up to 850 kbps (max peak 1700), up to 30fps, with Windows Media Audio up to 128 kbps (max peak 256), 44.1 kHz, stereo audio in .wmv/asf format.

Picture support JPEG up to 8 Megapixels

Video output NTSC or PAL

Storage Media

Built-in memory capacity 30GB 1.8" HDD⁺
 Connectivity Headphone 3.5mm, USB 2.0⁺⁺, 5V DC
 Music and picture transfer Via Windows Media Player 10
 Video transfer Via AcrSoft MediaConverter
 Data transfer Via Windows Explorer
 System Requirements Windows® XP (SP2 or above)
 Pentium III 800MHz processor or higher
 128MB RAM
 64MB hard disk space
 Internet connection (preferable)
 CD-Rom drive
 USB port

** Rechargeable batteries have a limited number of charge cycles and may eventually need to be replaced. Battery life and number of charge cycles vary by use and settings.

⁺ 1MB = 1 million bytes; available storage capacity will be less.
 1GB = 1 billion bytes; available storage capacity will be less.
 Full memory capacity may not be available as some memory will be reserved for the player.
 Storage capacity based on 4 minutes per song and 64kbps WMA encoding.

⁺⁺ Actual transfer speed may vary based on your operating system and software configuration.

Glossary

Album

A collection of songs / pictures.

Digital Rights Management (DRM)

A technology that provides a persistent level of protection to digital content by encrypting it with a cryptographic key. Authorized recipients (or end users) must acquire a license in order to unlock and consume the content.

Genres

A particular style or type of music.

Main menu

The menu that sits on top of the user interface structure tree.

MP3

An audio compression format known as MPEG-1 Audio Layer 3.

MPEG4

A standardized video compression format used to encode video streams. Different profiles are defined (simple, advanced simple, etc...) indicating the quality of the encoded video file.

NTSC

The analog television system in use in Korea, Japan, United States, Canada and certain other places, mostly in the Americas. It is named for the National Television System(s) Committee, the industry-wide standardization body that created it.

PAL

The analog television system in use in Europe, and most Asian and African countries. It is named after its technology used; phase-alternating line.

Picture

Picture in JPEG file format.

Playlist

A list of digital audio contents.

Portable Playlist

A playlist that can be created on the player by adding favorite songs, albums, artists and genres during music playback.

Rip

To copy digital media contents from an audio CD. Contents may be converted to a different format during a ripping process.

Songs

An individual track or a discrete piece of audio content.

Synchronization

The process of maintaining digital media files on a portable device based on the rules specified by the users. This may require copying digital media files from a computer to a device, updating information on the device or deleting files from the device.

Thumbnail

A small version of the main image, used for indexing and browsing.

Title

The largest unit of a digital media content. For a CD, it may be the name of the CD.

Video conversion

Modification (transcoding) of the video file to the capabilities of the Portable Device.

WAV

A digital media file format for storing sound.

Windows Media Audio (WMA)

An audio file in Windows Media Format. The audio content of the file is encoded with one of the Windows Media Audio codecs.

Windows Media Video (WMV)

A video file in Windows Media Format. The video content of the file is encoded with one of the Windows Media Video codecs. Different profiles are defined (simple, main and advanced) indicating the quality of the encoded video file.



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Respect copyrights



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